

ITEM	QTY -041	P/N	DESCRIPTION
1	X	D4970-041	WINDSHIELD DEFLECTOR ASSY
2	1	D4970-1	WINDSHIELD DEFLECTOR - LOWER
3	1	D4970-3	WINDSHIELD DEFLECTOR - UPPER
4	2	D4970-5	DOUBLER
5	6	MS20470AD6-12	RIVET, SOLID, PAN HEAD

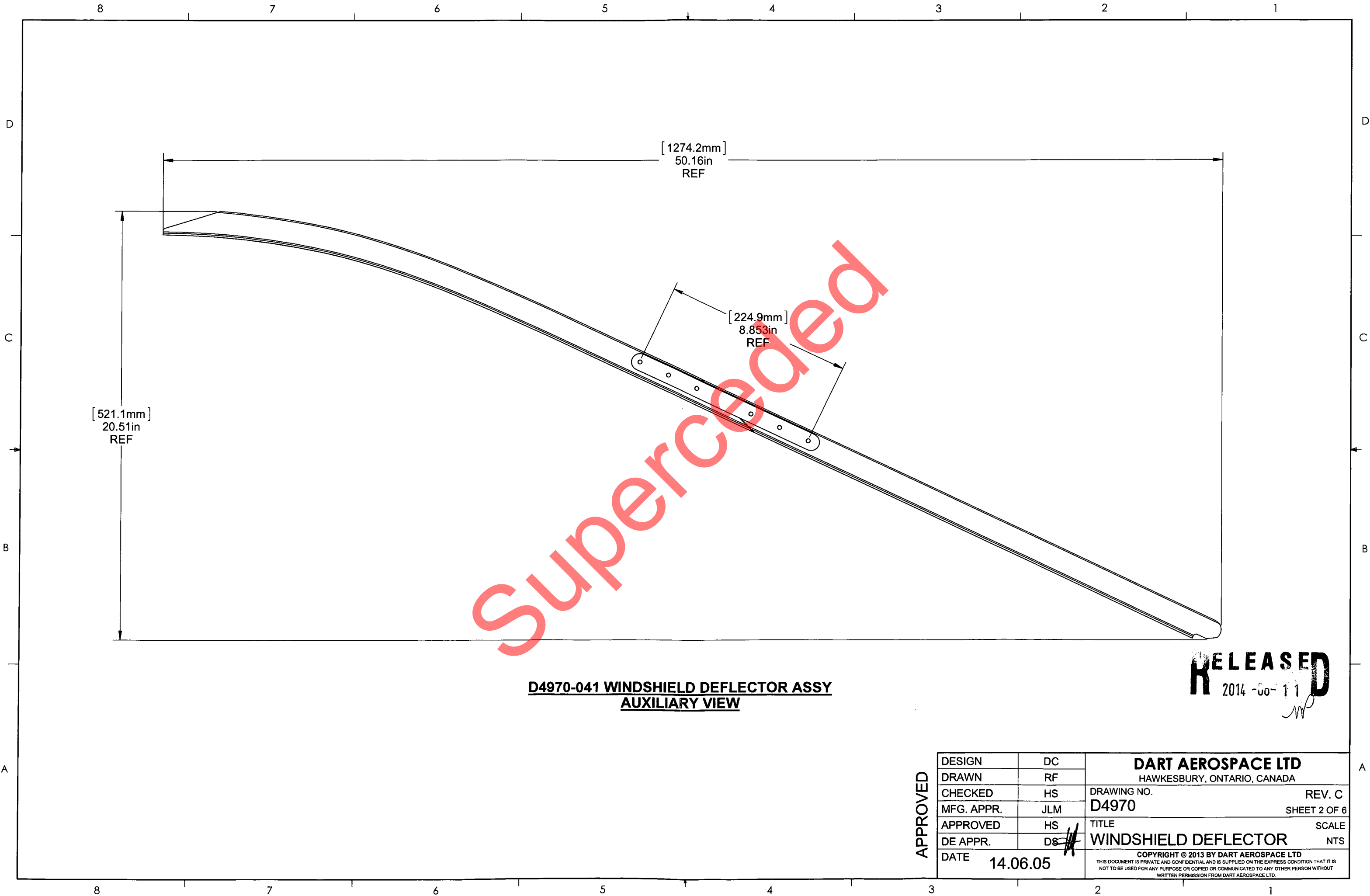
D4970-041 WINDSHIELD DEFLECTOR ASSY

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX, AS PER QSI 005. APPLY FINISH AFTER ASSEMBLY
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4970-041", REVISION, BATCH NUMBER AND DATE OF MANUFACTURE, USING AN X-TENSION STAMP, PER QSI 044 METHOD 6.2
  - 7) WEIGHT: 3.14 lbs (1.44 kgs)
  - 8) APPLY RTV SEALANT LOCTITE 598 TO FAYING SURFACES

RELEASED  
2014 -06- 11  
*MP*

APPROVED

C	REVISED D4970-1 (ZN B4-3), ADDED DETAIL C (ZN C3-3), ADDED FOUR HOLES TO D4970-3 (ZN D6-5). REVISED HOLE DIMENSION FROM 0.191 TO 0.201 (ZN B4-5); REVISE NOTE 6) (ZN A8-1, A8-3, A8-4, A8-6)	AK	14.06.05
B	ADDED HOLES TO D4970-1 AND D4970-3. ADDED SHEET 5	AK	14.05.02
A	NEW ISSUE	DC	13.11.08
REV.	DESCRIPTION	BY	DATE
DESIGN	DC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	HS	DRAWING NO.	REV. C
MFG. APPR.	JLM	D4970	SHEET 1 OF 6
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	WINDSHIELD DEFLECTOR	NTS
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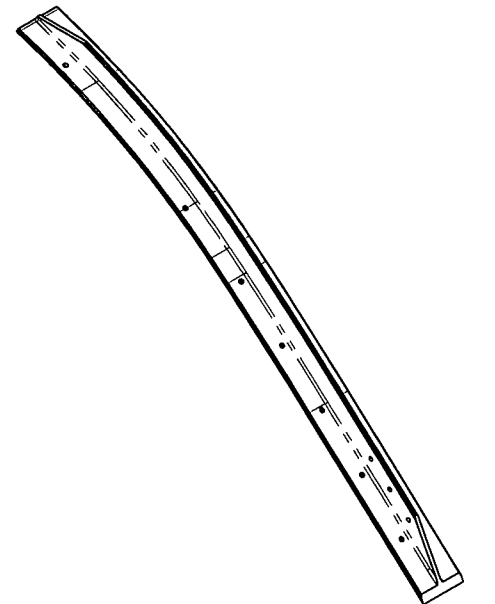
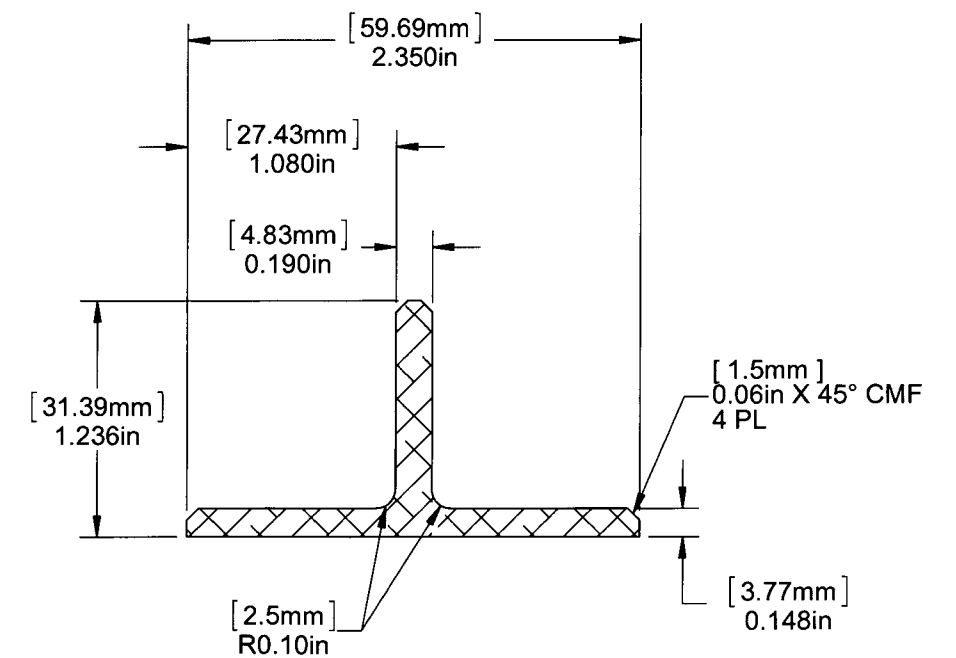
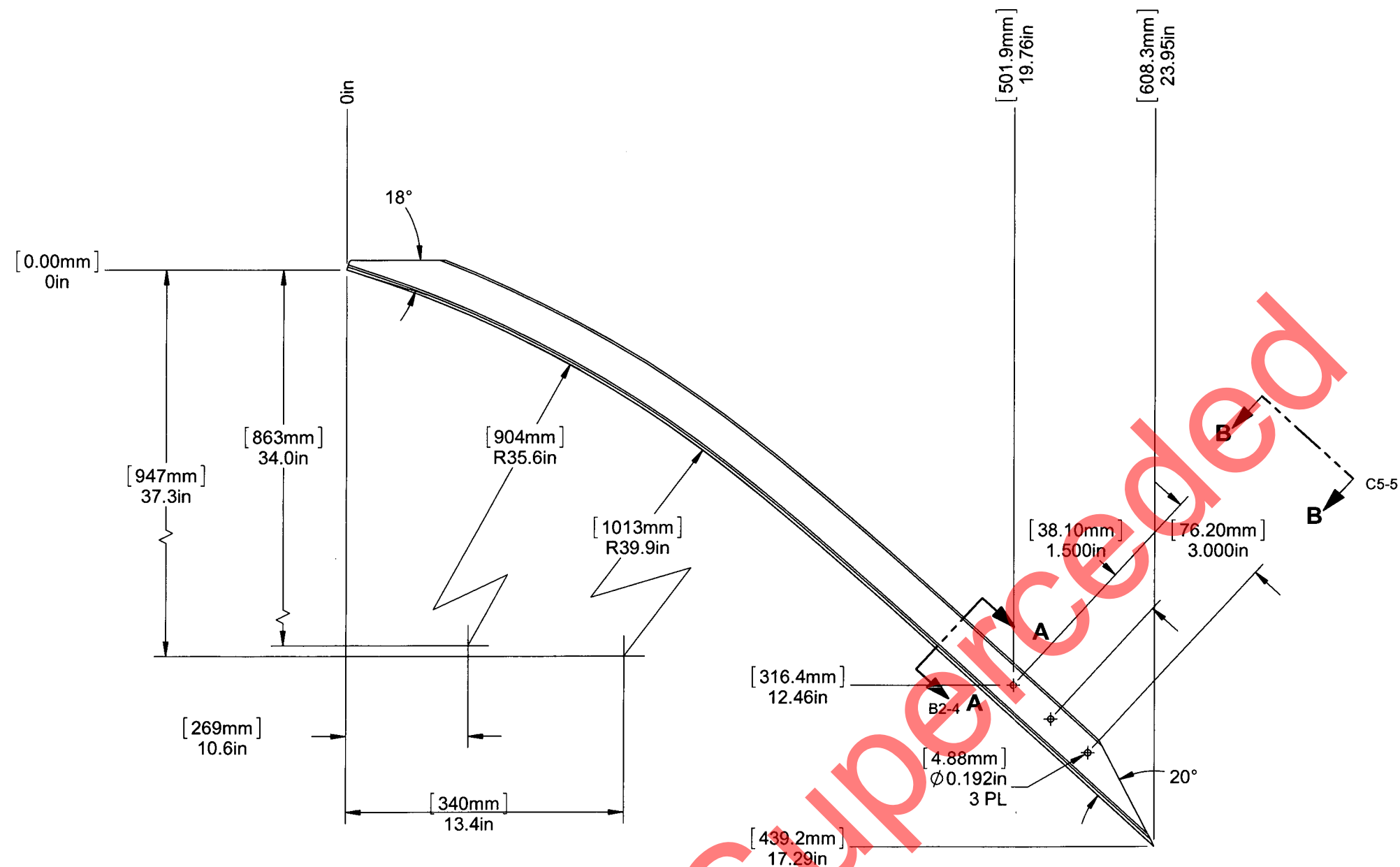


**D4970-041 WINDSHIELD DEFLECTOR ASSY**  
**AUXILIARY VIEW**

**RELEASED**  
2014-06-11  
*[Signature]*

APPROVED	DESIGN	DC	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
	DRAWN	RF		
	CHECKED	HS	DRAWING NO.	REV. C
	MFG. APPR.	JLM	<b>D4970</b>	SHEET 2 OF 6
	APPROVED	HS	TITLE	SCALE
	DE APPR.	DS	<b>WINDSHIELD DEFLECTOR</b>	NTS
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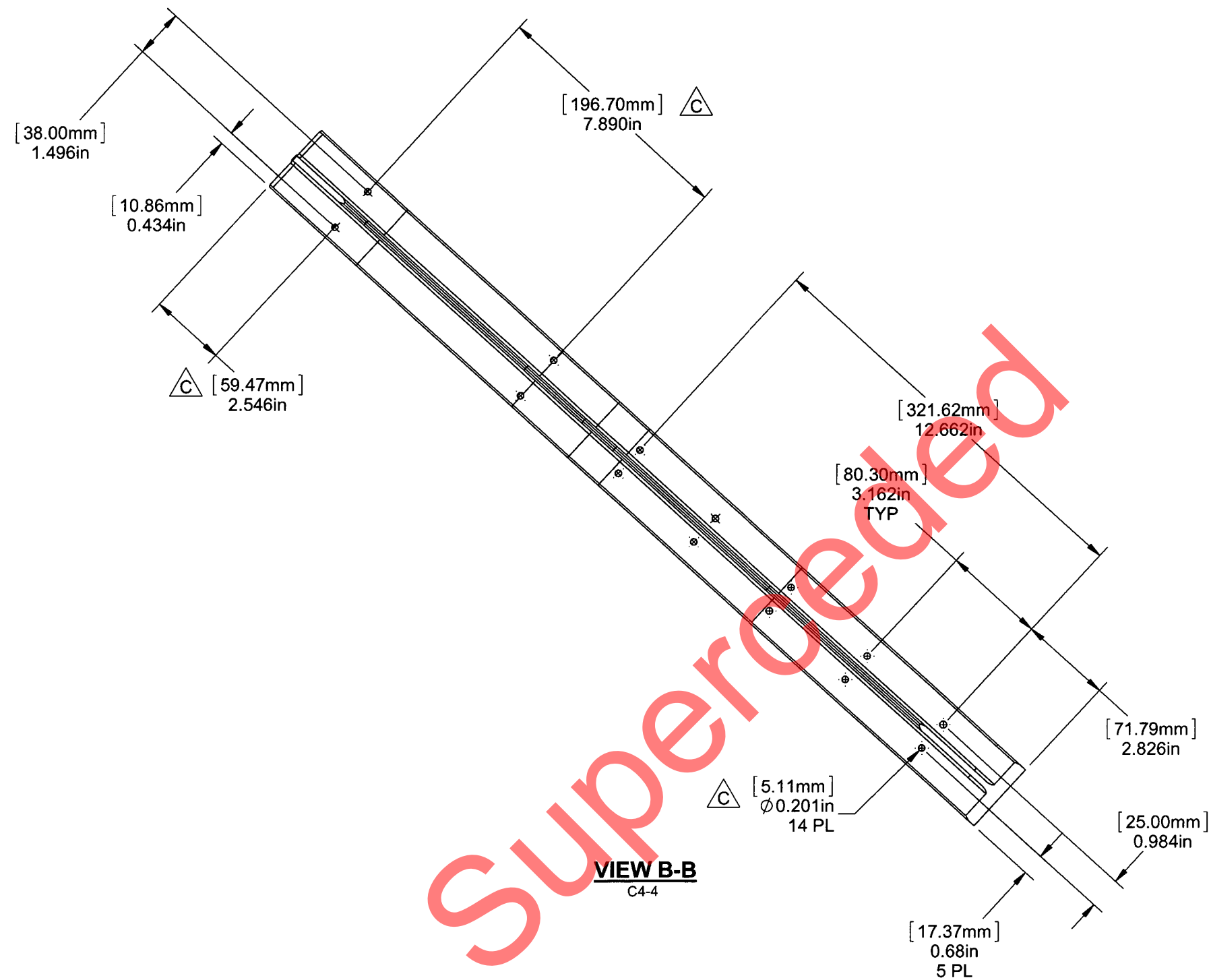
# **D4970-3 WINDSHIELD DEFLECTOR - UPPER**

- NOTES:**
- 1) MATERIAL: 7075-T6 (OR T651/T6510/T6511/T62) ALUMINUM BAR  
PER AMS-QQ-A-225/9 (OR AMS 4122/4123/4186/4187) OR  
PER AMS-QQ-A-200/11 (REF DART SPEC M7075T6B)
  - 2) FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4970-3", REVISION, BATCH NUMBER AND  
DATE OF MANUFACTURE, USING AN X-TENSION STAMP, PER QSI 044 METHOD 6.2
  - 7) WEIGHT: 1.60 lbs (0.73 kgs)
  - 8) PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: D4970-3-c.IGES

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DESIGN	DC	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	HS	DRAWING NO.	REV. C
MFG. APPR.	JLM	<b>D4970</b>	SHEET 4 OF 6
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	<b>WINDSHIELD DEFLECTOR</b>	NTS
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2014-06-11



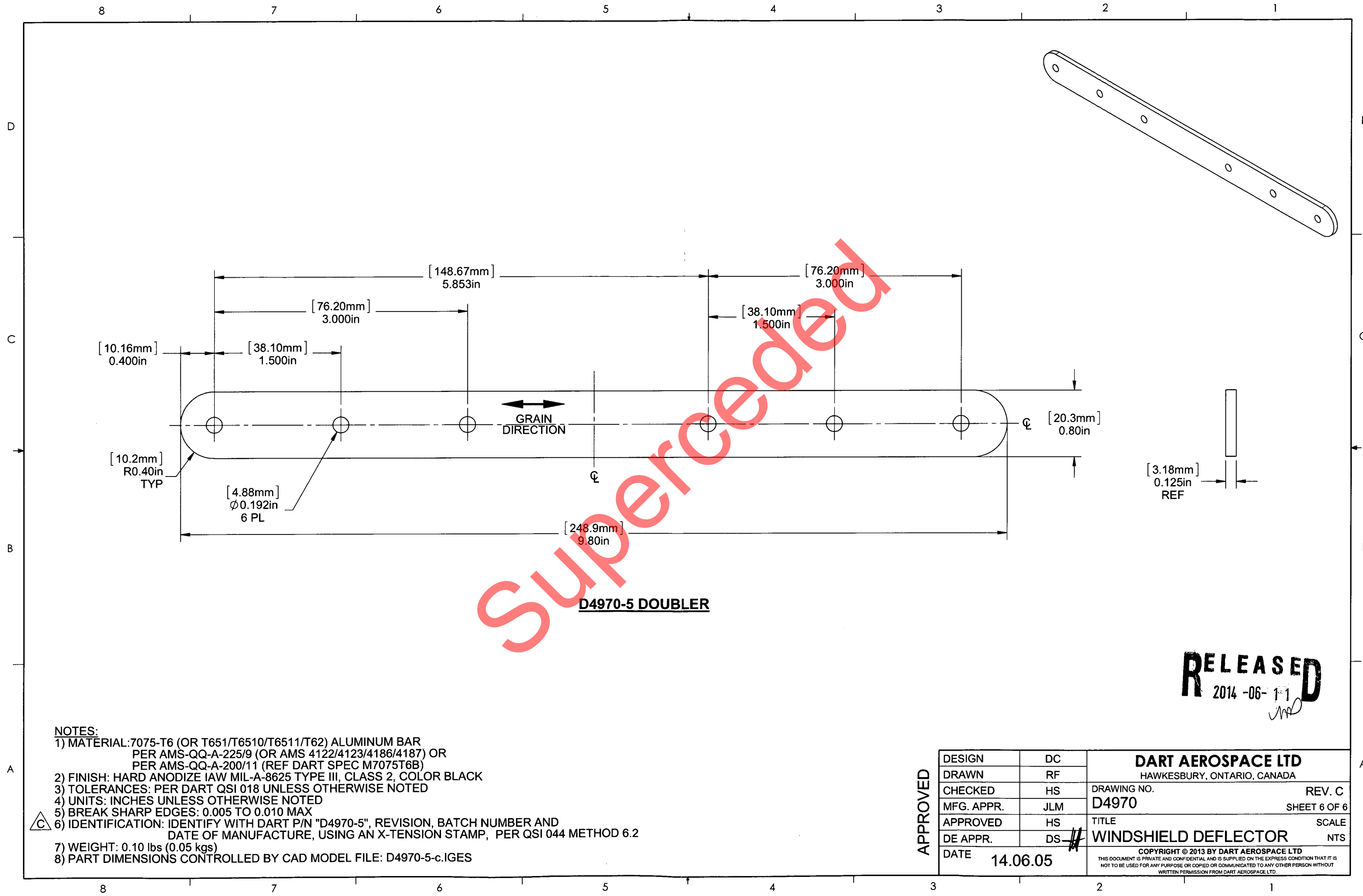
**VIEW B-B**  
C4-4

**D4970-3 WINDSHIELD DEFLECTOR - UPPER**

**RELEASED**  
2014-06-11

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DESIGN	DC	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	HS	DRAWING NO.	REV. C
MFG. APPR.	JLM	<b>D4970</b>	SHEET 5 OF 6
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	<b>WINDSHIELD DEFLECTOR</b>	NTS
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**D4970-5 DOUBLER**

**RELEASED**  
2014-06-11  
*md*

- NOTES:**
- 1) MATERIAL: 7075-T6 (OR T651/T6510/T6511/T62) ALUMINUM BAR  
PER AMS-QQ-A-225/9 (OR AMS 4122/4123/4186/4187) OR  
PER AMS-QQ-A-200/11 (REF DART SPEC M7075T6B)
  - 2) FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4970-5", REVISION, BATCH NUMBER AND  
DATE OF MANUFACTURE, USING AN X-TENSION STAMP, PER QSI 044 METHOD 6.2
  - 7) WEIGHT: 0.10 lbs (0.05 kgs)
  - 8) PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: D4970-5-c.IGES

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DRAWN	RF		
CHECKED	HS	DRAWING NO.	REV. C
MFG. APPR.	JLM	<b>D4970</b>	SHEET 6 OF 6
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	<b>WINDSHIELD DEFLECTOR</b>	NTS
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